

N^o 355



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PROVISIONAL SPECIFICATION.

Improved Invalid's Chair and Carriage.

I, JOSEPH BRANDT, of 39, Ellers Road, Roundhay Road, Leeds, in the County of York, Pastor, do hereby declare the nature of this invention to be as follows:

5 This invention relates to an improved invalid's chair and carriage the object being to so construct such chair or carriage that it can be adjusted from a sitting or upright position to a reclining or horizontal one or any intermediate position (so forming a bed) without disturbing or removing the invalid occupying the chair, such adjustment to be made either by an attendant or by the invalid in person. Such chairs or carriages are suitable for inside as well as outside use.

10 I mount my improved chair upon suitable wheels, preferably two large ones in front and a small one behind.

15 The bottom or seat of the chair is fixed and carried by suitable springs from the axle and fork, to the bottom is hinged the back, and to it the arms; the leg rest and foot-board are also hinged. From the arm extends a slotted bracket passing to the back and secured thereto by a thumbscrew for adjustment within the slot. By means of the jointed or hinged parts above described and by releasing the thumbscrew, the chair can be tilted, either by the invalid himself or by an attendant, to any angle from an upright position to the horizontal or reclining position without disturbing the invalid, and can be fixed in
20 any required position by simply tightening up the thumbscrew. Such adjustment can be effected without jerking or any uneasy movement.

Dated this 5th day of January, 1904.

For the Applicant;

25 JOHN E. WALSH,
Royal Exchange Chambers, Leeds;
Chartered Patent Agent.

COMPLETE SPECIFICATION.

Improved Invalid's Chair and Carriage.

30 I, JOSEPH BRANDT, of 39, Ellers Road, Roundhay Road, Leeds, in the County of York, Pastor, do hereby declare the nature of this invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

35 This invention relates to an improved combination chair and carriage, suitable for the use of invalids and of aged or infirm persons. The object is to construct these chairs in such a manner that they can be adjusted and fixed either in a sitting or upright position, in a reclining or horizontal position (so

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Brandt's Improved Invalid's Chair and Carriage.

forming a couch or bed), or in any intermediate position, such adjustment to be made either by an attendant or by the invalid in person, and without necessitating the removal or disturbance of the invalid occupying the chair. My improved chair and carriage is equally well adapted either for inside or outside use.

My invention is illustrated in the accompanying drawing marked Fig. 1, which is a side elevation of the chair and carriage.

According to my said invention I mount the chair upon suitable wheels, preferably two large wheels A in front and a smaller swivel wheel B in the rear. The seat C of the chair is fixed, and is supported by springs D D from the front axle E and the fork F. To the fixed seat C are hinged the chair back G and the leg rest H, these being further connected by arms K hinged at each end. The leg rest H carries also a hinged foot board L.

To each arm K is pivotted a slotted link M, which extends towards the chair back G and is secured thereto by a thumbscrew N working within the slot. This thumbscrew N controls the position of the chair upon the carriage, so that by releasing the thumbscrew the chair can be tilted, either by the occupant or by an attendant, to any angle from an upright position to a horizontal or reclining position without disturbing the invalid or occupant of the chair, and that by simply tightening up the thumbscrew the chair can be instantly fixed in the desired position, the entire adjustment being effected without jerking or any uneasy movement. In the drawing the chair is shown in a slightly tilted intermediate position, whilst the reclining or horizontally extended position is indicated by dotted lines.

The hinged foot-board L may have an independent adjustment by means of a slotted link O and screw or wheel P, thereby enabling it to be fixed at any angle irrespective of the position of the chair: or it may be automatically regulated by means of a parallel link motion R, R, causing it to maintain an approximately horizontal position, no matter what may be the position of the chair.

The chair is provided with a suitable handle S, and the wheels A may be provided with auxiliary hand rims T to facilitate self propulsion by the occupant of the chair.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

The improved invalid's combination chair and carriage, constructed arranged and adjusted in the manner and for the purposes substantially as herein described with reference to the accompanying drawing.

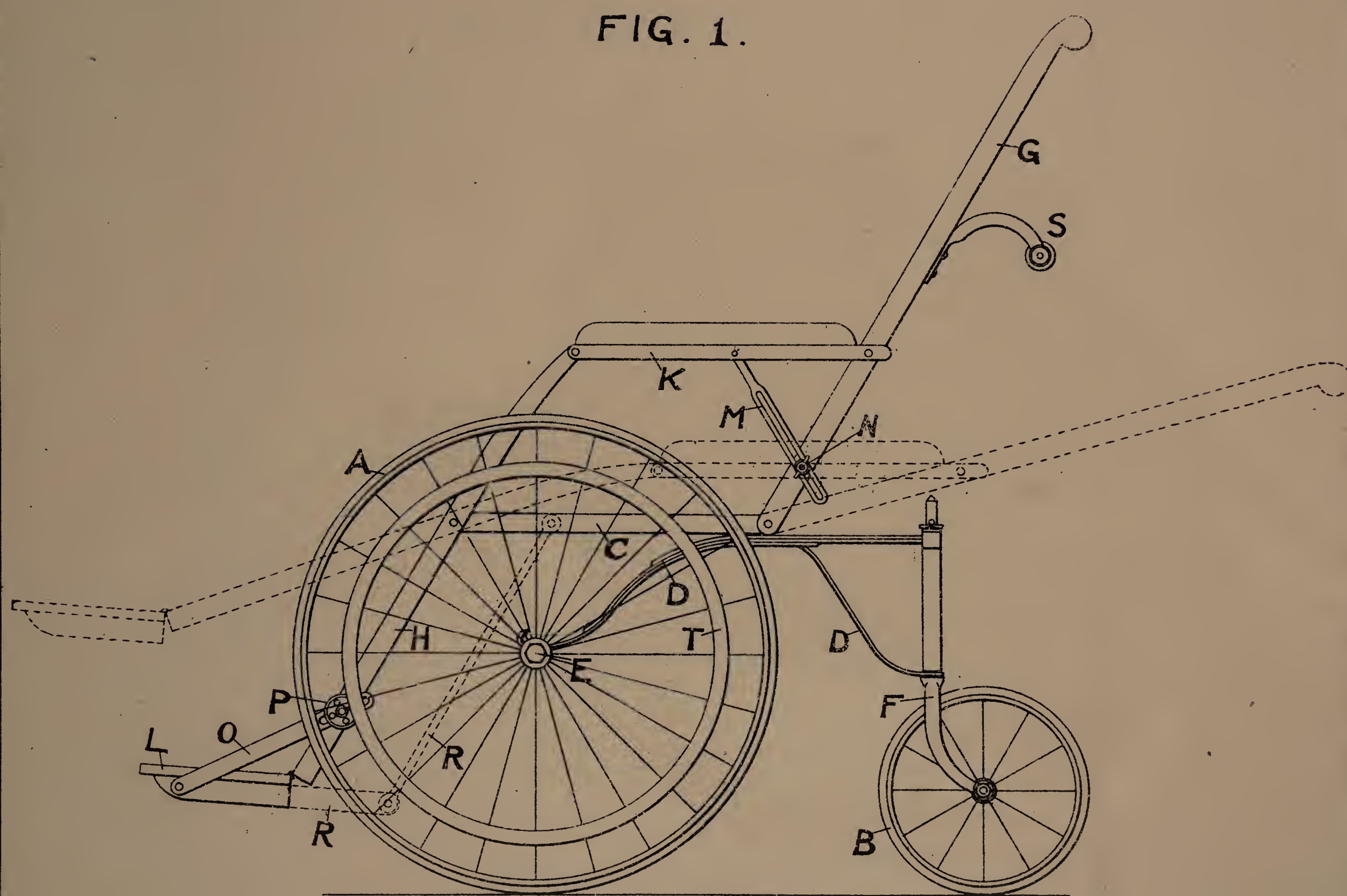
Dated this 5th day of October, 1904.

For the Applicant:

JOHN E. WALSH,
Royal Exchange Chambers, Boar Lane, Leeds;
Chartered Patent Agent.



FIG. 1.



[This Drawing is a reproduction of the Original on a reduced scale.]

